The SMART-VILLE Program

A Sustainable Model of Advancing Rural Technologies for

Villagers' Involvement in Lifelong Learning and Empowerment

Current Collaboration Together, ADIRE and SHAMA have been supporting grassroots development initiatives in the state of Odisha. Their joint endeavors have directly impacted the lives of 3,000 individuals in JABAKA villages. ADIRE and SHAMA aim to assist 10,000 individuals in an 11-community target area around JABAKA by 2015 to bring higher visibility of clean village development and better economy of scale.

PROGRAM

Overview The SMART-VILLE Program aims to improve village life via a clean, green, no-emissions rural development model. By investing in clean products and technologies, the rural poor become self-sufficient, improve community services, and mitigate pressures on local resources and environment, all without subsidies.

Justification $1,250,000 for capital projects, microlending, and program expenses between 2012 and 2015. The SMART-VILLE Program addresses the below categories, all important in reducing rural poverty and isolation and diminishing villagers' desire to relocate to crowded and environmentally troubled urban areas:

Objective 1, Health To improve the health of 5,000 poor members of the SMART-VILLE communities through nutritional programs, health education, and enhanced sanitation and healthcare facilities by 2015.

Objective 2, Education To provide education for 300 children and 500 adults in the SMART-VILLE communities through resource-rich learning facilities, extracurricular activities, scholarships, and professional training by 2015.

Objective 3, Quality of Life and Production To enhance quality of life for SMART-VILLE community members by improving IT, clean energy, household conveniences and infrastructure through micro-financing resource-efficient devices, and creating 1,000 income-generating production jobs for men (40%) and women (60%) by 2015.

Objective 4, Evaluation and Documentation To create an International Sustainable Development Institute to evaluate SMART-VILLE Program components, document case studies, test new technologies, and share lessons learned with at least 20 communities, organizations, social enterprises and government actors worldwide by 2015.

IMPACT

Local Improved educational and health facilities. Creation of 40+ new, local, "green" microenterprises. Creation of over 300 local, "green" jobs. Water conservation. Increased utilization of natural resources (biomass, organic waste, solar energy). Improved agricultural techniques. Reduction of 10-15 MT harmful emissions and estimated savings of $40/MT, or $500 annually per family remaining in village rather than choosing to move to an urban area.

Regional/National/International Reduced rural-urban migration. Decreased overcrowding and poverty in urban areas. Encouragement of (and potential adoption of) affordable, environmentally-friendly technologies and rural development policies nationally and internationally. Rural economic and social empowerment.